

SILICATE GATE DIELECTRIC

5 A method of forming a silicate dielectric having superior
electrical properties comprising forming a metal oxide
layer on a Si-containing semiconductor material and
reacting the metal oxide with the underlying Si-
containing material in the presence of an oxidizing gas
10 is provided. Semiconductor structures comprising the
metal silicate formed over a SiO₂ layer are also
disclosed herein.

Case	Age	Sex	Duration of disease	Site of origin	Histological type	Immunohistochemical findings	Molecular findings	Clinical course	Outcome	Comments
1	65	M	10 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
2	58	F	5 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
3	72	M	15 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
4	68	F	8 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
5	75	M	12 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
6	60	F	7 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
7	70	M	10 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
8	62	F	6 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
9	73	M	14 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
10	66	F	9 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
11	71	M	11 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
12	64	F	7 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
13	74	M	13 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
14	61	F	6 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
15	76	M	16 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
16	63	F	8 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
17	72	M	12 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
18	67	F	9 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	
19	73	M	14 years	Colon	Adenocarcinoma	Positive for CK20, CDX2	Wild-type K-ras	Recurrent disease	Alive	
20	65	F	7 years	Stomach	Adenocarcinoma	Positive for CK7, CK20	Wild-type K-ras	Recurrent disease	Alive	